

**Flood Control Project Maintenance
Levee Inspections**

Fall 2009 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

RD0537	Overall LMA Rating	Total LMA Miles				
Reclamation District No. 0537 Lovdal	M	5.95				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Vegetation	0.69		0.69	11.60%	PO Miles	CO Miles
Trim / Thin Trees	0.02		0.02	0.34%		
Encroachments					0.08	0.19
Erosion / Bank Caving	0.01		0.01	0.17%		
USACE Erosion Survey	0.01		0.01	0.17%		
<i>LMA Totals:</i>	0.73	0.00	0.73	12.27%	0.08	0.19

Unit No. 01 Sacramento River	Overall Unit Rating	Total Unit Miles				
	M	4.76				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Vegetation	0.68		0.68	14.29%	PO Miles	CO Miles
Encroachments					0.08	0.19
Erosion / Bank Caving	0.01		0.01	0.21%		
USACE Erosion Survey	0.01		0.01	0.21%		
<i>Unit Totals:</i>	0.70	0.00	0.70	14.71%	0.08	0.19

Unit No. 02 Yolo Bypass	Overall Unit Rating	Total Unit Miles				
	A	1.19				
Rated Item	M Miles	U Miles	M + 4U Miles	Threshold %	Encroachments	
Vegetation	0.01		0.01	0.84%	PO Miles	CO Miles
Trim / Thin Trees	0.02		0.02	1.68%		
<i>Unit Totals:</i>	0.03	0.00	0.03	2.52%	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2009 Levee Inspection Results

Reclamation District No. 0537 Lovdal

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)			M	

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Right	4.76
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			M	
Date of Inspection	3/12/2009		9/24/2009	
DWR Inspector	John Williamson		John Williamson	
Accompanied By			Jim Eckman	

Check one:

- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. We have found no changes in flood project conditions other than the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the enclosed report.
- ☐ During the current winter (or summer) inspection period, my staff or I have inspected the levee and associated flood project components identified in the attached Levee Inspection Report by Mile. In addition to the results of our normal maintenance and the corrections we have made to maintenance deficiencies identified in the report, we have found the following changes in flood project conditions.

(In the comment section below or on additional sheet(s), identify change of condition by: Start to End Levee Mile or GPS coordinates, location (Land Side, Water Side, or Crown), Item identification, and description of the current condition).

Comments

One of the boxes above is to be checked by the Local Maintaining Agency (LMA). If the second box is checked, additional information must also be submitted. This Unit Cover Sheet should be signed and dated by the LMA Representative and returned to DWR with any additional sheets by September 30 (Summer Inspection) or March 31 (Winter Inspection). Please retain a copy for your records. Please mail all of this information to :

DWR Summer/Winter Inspection Reports
3310 El Camino Avenue, Room LL-30
Sacramento, CA 95821-9000

X

Signature of LMA Representative

Date

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	4.76	11/02/2009 11/02/2009	John Williamson	
LMR No	Levee Mile		Category	Item	Location	Rating	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	Photo
1	0.01	0.01	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.643080 ° -121.584260 °	38.643080 ° -121.584260 °	963
2	0.01	0.01	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stumps 2ea	38.643194 ° -121.583995 °	38.643194 ° -121.583995 °	962
3	0.03	0.03	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.643349 ° -121.583670 °	38.643349 ° -121.583670 °	961
4	0.05	0.05	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.643480 ° -121.583419 °	38.643480 ° -121.583419 °	960
5	0.06	0.06	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.643578 ° -121.583248 °	38.643578 ° -121.583248 °	959
6	0.12	0.12	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.644048 ° -121.582512 °	38.644048 ° -121.582512 °	958
7	0.13	0.13	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.644138 ° -121.582375 °	38.644138 ° -121.582375 °	957
8	0.15	0.15	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump	38.644471 ° -121.581847 °	38.644471 ° -121.581847 °	956
9	0.21	0.21	Earthen Levee	Trim / Thin Trees	WS		Inspector Comments: stump levee slope	38.644849 ° -121.581221 °	38.644849 ° -121.581221 °	955
10	0.72	0.72	Earthen Levee	Erosion / Bank Caving	WS	M	Note and monitor erosion site.	38.647903 ° -121.573190 °	38.647903 ° -121.573190 °	954
11	1.37	1.37	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.640999 ° -121.565777 °	38.640999 ° -121.565777 °	10
12	1.94	2.11	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.632859 ° -121.564506 °	38.630553 ° -121.564239 °	964
13	2.31	2.47	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.627704 ° -121.563917 °	38.625574 ° -121.563733 °	965
14	2.58	2.64	Earthen Levee	Encroachments	LS	PO	Landscaping	38.623988 ° -121.563663 °	38.623067 ° -121.563580 °	1
15	2.94	2.96	Earthen Levee	Encroachments	LS	PO	Landscaping	38.618885 ° -121.563377 °	38.618490 ° -121.563382 °	3
16	3.12	3.18	Earthen Levee	Vegetation	LS	M	Control annual grass and weeds on the levee slopes and easements.	38.616249 ° -121.563236 °	38.615449 ° -121.563129 °	966
17	3.58	3.67	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.609995 ° -121.561103 °	38.608902 ° -121.560347 °	9

*** Location**

LS : Land Side
WS : Water Side
CR : Crown

**** Rating**

A : Acceptable
M : Minimally Acceptable
U : Unacceptable
PO : Partially Obstructing
CO : Completely Obstructing
N : Not Inspected
C : Corrected

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 01 Sacramento River						Right	4.76	11/02/2009 11/02/2009	John Williamson	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No.
	Start	End						Start	End	
18	3.63	3.75	Earthen Levee	Vegetation	LS	C	Remove the wild growth other than native grasses from the levee slopes.	38.609290 ° -121.560773 °	38.607735 ° -121.560367 °	4
19	4.18	4.37	Earthen Levee	Encroachments	WS	CO	Buildings	38.602763 ° -121.555458 °	38.600690 ° -121.553187 °	8
20	4.30	4.30	Supplemental	USACE Erosion Survey	WS	M	Inspector Comments: tree hazards, slumping	38.601914 ° -121.553560 °	38.601914 ° -121.553560 °	952
21	4.38	4.53	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.600657 ° -121.553082 °	38.598918 ° -121.551242 °	7
22	4.48	4.53	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes.	38.599469 ° -121.551813 °	38.598842 ° -121.551131 °	953

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**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2009 Levee Inspection Results

Reclamation District No. 0537 Lovdal

Waterway			Bank	Unit Miles
Unit No. 02 Yolo Bypass			Left	1.19

	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	3/12/2009		9/24/2009	
DWR Inspector	John Williamson		John Williamson	
Accompanied By				

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Signature of LMA Representative

Date

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Levee Inspection Report By Mile - Fall 2009

Reclamation District No. 0537 Lovdal

Waterway						Bank	Unit Miles	Inspection Start/End	Inspector	
Unit No. 02 Yolo Bypass						Left	1.19	10/06/2009 10/06/2009	John Williamson	

LMR No	Levee Mile		Category	Item	Location *	Rating **	Action/Comment	GPS Latitude/Longitude		Issue No. Photo
	Start	End						Start	End	
1	0.19	0.19	Earthen Levee	Vegetation	WS	M	Remove the wild growth other than native grasses from the levee slopes. Inspector Comments: spray and remove berries	38.594757 ° -121.575737 °	38.594757 ° -121.575737 °	3
2	0.37	0.37	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: spray and cut out willows continue through out the rock area controlling willows	38.592276 ° -121.574652 °	38.592276 ° -121.574652 °	2
3	1.00	1.00	Earthen Levee	Trim / Thin Trees	WS	M	Trim and thin trees to allow visibility of the ground and room to flood fight. Inspector Comments: spray and cut out willows in rock two spot of growth	38.584025 ° -121.569861 °	38.584025 ° -121.569861 °	1

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